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Facility

Biochemistry
Parkinson's Disease
Neurodegeneration
Neurotherapeutics
Natural Sciences

	All	Since 2013
Citations	84	84
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TITLE	CITED BY	YEAR
<p>Neuroprotective potential of silymarin against CNS disorders: insight into the pathways and molecular mechanisms of action Anupom Borah, Rajib Paul, Sabanum Choudhury, Amarendranath Choudhury ... CNS neuroscience & therapeutics 19 (11), 847-853</p>	34	2013
<p>Cholesterol—A putative endogenous contributor towards Parkinson's disease Rajib Paul, Amarendranath Choudhury, Anupom Borah Neurochemistry international 90, 125-133</p>	25	2015
<p>Cholesterol contributes to dopamine-neuronal loss in MPTP mouse model of Parkinson's disease: Involvement of mitochondrial dysfunctions and oxidative stress. Amarendranath Choudhury*, Rajib Paul*, Sanjeev Kumar, Anirudha Giri, Rajat ... PLoS One. 12 (2), e0171285</p>	8	2017
<p>L-DOPA treatment in MPTP-mouse model of Parkinson's disease potentiates homocysteine accumulation in substantia nigra Nivedita Bhattacharjee, Muhammed Khairujjaman Mazumder, Rajib Paul ... Neuroscience letters 628, 225-229</p>	7	2016
<p>Cholesterol in Pancreatic β-Cell Death and Dysfunction: Underlying Mechanisms and Pathological Implications Rajib Paul, Amarendranath Choudhury, Sabanum Choudhury, Md Khairujjaman ... Pancreas 45 (3), 317-324</p>	3	2016
<p>Efficacy of Morin as a Potential Therapeutic Phytocomponent: Insights into the Mechanism of Action Amarendranath Choudhury*, Indrajeet Chakraborty, Tuhin Subhra Banerjee ... Int J Med Res Health Sci 6 (11), 175-194</p>	2 *	2017
<p>Hypercholesterolemia causes psychomotor abnormalities in mice and alterations in cortico-striatal biogenic amine neurotransmitters: Relevance to Parkinson's dise... Amarendranath Choudhury*, Rajib Paul*, Dulal Chandra Boruah, Rajlakshmi Devi ... Neurochemistry International</p>	2	2017
<p>Neuroprotective Natural Products: Clinical Aspects and Mode of Action G Brahmachari John Wiley & Sons</p>	1	2017

TITLE	CITED BY	YEAR
Cognitive and Psychological Anomalies in Parkinson's Disease: An Insight into Non-Motor Characteristic Features A Choudhury, DR Vana, J Varma R, TS Banerjee, A Kumar R, D Adapa Neuropsychiatry (London) 7 (6), 1069-1080	1	2017
CRISPR/Cas9 genome editing system in the diagnosis and treatment of cancer Rudrarup Bhattacharjee, Karishma Das Purkayastha, Dattatreya Adapa ... J RNAi Gene Silencing 13 (1), 545-551	1 *	2017
Understanding the Role of Resveratrol in Major Neurological and Lifestyle Diseases: An Insight into Molecular Mechanisms and Druggability. A Choudhury, R Bhattacharjee, D Adapa, I Chakraborty, TS Banerjee, ... Pharmaceutical BioProcessing 6 (2), 064-083		2018
Neurochemicals, Behaviours and Psychiatric Perspectives of Neurological Diseases A Choudhury, T Sahu, PL Ramanujam, AK Banerjee, I Chakraborty, ... Neuropsychiatry (London) 8 (1), 395-424		2018
Effect and Disease Indicative Role of Inflammation in Neurodegenerative Pathology: A Mechanistic Crosstalk of Promise and Dilemma A Choudhury, I Chakraborty, TS Banerjee, DR Vana, D Adapa, A Kumar R Neuropsychiatry (London) 8 (1), 739-744		2018
Genetic diversity and antagonistic activity of plant growth promoting bacteria, isolated from tea-rhizosphere: a culture dependent study U Kumar, A Chopra, A Choudhury, D Adapa, PB Mazumder Biomedical Research 29 (4)		2018
Neuroprotective Effect of Ayurvedic Preparations and Natural Products on Parkinson's Disease Amarendranath Choudhury*, Anupom Borah*, Rajib Paul, Md. Khairujjaman ... Neuroprotective Natural Products 1, 92-105		2017
Artificial Intelligence in Biological Data Indrajeet Chakraborty, Amarendranath Choudhury*, Tuhin Subhra Banerjee J Inform Tech Softw Eng 7 (207), 2		2017